SURAJ RANJAN
Aspiring Software & Web Developer

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About Me

I am a B.Tech student specializing in Computer Science and Engineering, with a strong interest in software and web development. I am passionate about building innovative solutions to real-world problems using cutting-edge technology. I am seeking opportunities to further develop my technical skills and contribute to impactful projects

Skills

- Web Development
- UI/UX Design (Figma, Flutter)
- Programming Languages: C,JAVA, JavaScript, Dart (Flutter)
- DATABASE (MYSQL,MONGODB)

Certificates

- DSA using Java
- Web Development
- Python for Data Science
- Git & GitHub
- MONGODB

languages

- English
- Hindi

Projects

City-wide Hospital Management System

- Designing and developing the UI/UX for a hospital management system to improve patient history analysis, OPD flow, and resource allocation.
- Focusing on user-friendly, intuitive designs that optimize the hospital management dashboard for real-time monitoring.
- Technologies used: Flutter, Figma, Node.js, Express.

MSME Ideathon 4.0 Project

- Conceptualizing a solution to address hospital queuing systems, bed availability, and patient admissions.
- Currently working on the design and development of a city-wide hospital management dashboard.
- Technologies used: Flutter, Node.js.

Data Analytics Project

- Working on predictive analysis using Python to forecast hospital resource needs and patient admission trends.
- Analyzing healthcare data to improve hospital operations and patient care.

Education

Guru Nanak Institutions Technical Campus   2022 - 2026
B.Tech in Computer Science and Engineering

- Coursework: Data Structures and Algorithms, Web Development, Mobile App Development, Database Management Systems, AI & Machine Learning.
- Activities: Participated in MSME Ideathon 4.0, working on innovative solutions for hospital management systems.

RPS COLLEGE HARNAUT   2019 - 2021
High School (12th)

- Majored in Science with focus on Physics, Chemistry, Mathematics, and Computer Science.
- Achieved top grades in Computer Science and Mathematics.